

## SYLLABUS

**COURSE #:** DHYG 114

**COURSE TITLE:** Pre-Clinical Dental Hygiene

**# OF CREDITS:** 2 (0+6+0)

**CATALOG DESCRIPTION:**

Clinical application of basic theories and procedures used in dental hygiene practice. Emphasis is on the techniques of instrumentation used in performing diagnostic, preventive and therapeutic services utilized in providing comprehensive patient care. The dental hygiene student will practice techniques on manikins and student partners in the clinic.

**Prerequisites:** Admissions into the Dental Hygiene Program.

Co-requisites: DHYG 110, 112, 113, 115, 217, and enrolled in or completed with a C or above, ENGL 211 or 218.

**Semester Offered:** Fall.

**SAN JUAN COLLEGE COMMON STUDENT LEARNING OUTCOMES:**

Common Student Learning Outcomes	
Upon successful completion of San Juan College programs and degrees, the student will...	
Learn	Students will actively and independently acquire, apply and adapt skills and knowledge to develop expertise and a broader understanding of the world as lifelong learners.
Think	Students will think analytically and creatively to explore ideas, make connections, draw conclusions, and solve problems.
Communicate	Students will exchange ideas and information with clarity and originality in multiple contexts.
Integrate	Students will demonstrate proficiency in the use of technologies in the broadest sense related to their field of study.
Act	Students will act purposefully, reflectively, and respectfully in diverse and complex environments.

**COURSE GOALS:** The student will:

1. Demonstrate basic dental hygiene skills as evidenced by a 75% or higher accuracy on learning assessments.
2. Demonstrate the principles and procedures required for comprehensive dental hygiene patient care that are based on scientific evidence.
3. Integrate the knowledge of head and neck anatomy, tooth morphology, and dental radiology into clinical examination and instrumentation.
4. Demonstrate professional communication styles that will be used to help interview and educate patients and work as a productive team member.
5. Develop critical thinking and problem solving skills which will help integrate theory into practice in both pre-clinical and clinical settings and will be applied to case studies and to case management.

6. Model professional behavior at all times.

**LEARNING OUTCOMES:** Upon completion of this course the student will be able to:

1. Explain the importance of infection control and asepsis, OSHA Standards for infection control and hazard communications, SJC policies and procedures and utilize methods of prevention of disease transmission including:
  - a. use of personal protective equipment
  - b. use of universal/standard precautions and procedures for general asepsis
  - c. proper unit and operatory maintenance
  - d. use of sterilization equipment
2. Discuss the importance of patient's personal, medical and dental health histories and develop appropriate interviewing techniques that involve the patient and lead to consent for treatment.
3. Demonstrate record keeping skills that meet medico-legal requirements including signatures of supervising clinicians and apply this knowledge when presented with case scenarios reflecting comprehensive patient care.
4. Demonstrate the principles of operator positioning to avoid occupational injuries.
5. Demonstrate the procedures of the following patient assessments and explain their relationship to providing comprehensive patient care.
  - a. medical/dental/social history
  - b. vital signs
  - c. extra/oral and intraoral examinations including common pathological conditions
  - d. dental examination including clinical recognition of dental caries
  - e. periodontal examination including gingival description and periodontal charting.
6. Demonstrate an understanding of basic instrument fundamentals including the use of:
  - a. mouth mirror
  - b. dental explorers
  - c. periodontal probes
  - d. sickle scalers
  - e. universal curets
  - f. dental handpiece and prophylaxis angles.
7. Discuss oral infection control and demonstrate personal oral hygiene techniques and aids.
8. Demonstrate selective polishing and the application of topical fluorides.
9. Demonstrate the use of all clinic forms, references, and an understanding of all San Juan College Dental Hygiene Policies and Procedures in the application of clinical procedures.

This syllabus developed by: Sherry Paxson, RDH

Date: March 12, 2010

This syllabus reviewed by: Dr. Julius N. Manz

Date: August 16, 2010

### Course Guide

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**Adjunct faculty:** Rachon Howard RDH, Becky Miller RDH, Julius Manz, DDS

#### Required Textbooks

1. Fundamentals of Periodontal Instrumentation and Advanced Root Instrumentation 5<sup>th</sup> Ed, Nield:Gehrig, JS, Lippincott, Williams & Wilkins, Philadelphia, most current edition.
2. SJC DH Policy and Procedure Manual current year
3. Drug Information Handbook for Dentistry, Lexicomp, most current

#### Supplies and Materials

Designated uniform  
Dental Hygiene instrument kit and supplies

#### Supplementary Texts

Mosby's Dental Hygiene Concepts, Cases and Competencies, Daniels SJ , Harfst, SA, Mosby, St. Louis, most current edition.

Darby, M, and Walsh, M, Dental Hygiene Theory and Practice, most current edition. Saunders, Canada, 2010

Refer to current library holdings of texts and publications

#### Graded Components of DHYG 114:

- ◆ Clinical Skill Evaluations that encompass all of the clinical skills introduced in this course.
- ◆ Daily Clinical Evaluations that assess qualities introduced in this course.
- ◆ Case Management forms which will be used during patient treatment.
- ◆ Clinical Competency Exams, which will be evaluations on skills introduced this semester.
- ◆ Graduation Notebooks; including organization, and inclusion of all required records.

<b>Grading Criteria:*</b>	<b>75% Minimum Grade</b>	<b>Grading Scale</b>
Clinical Skill Evaluations:	= 40%	A= 90 - 100%
Daily Evaluations	= 40%	B= 80 - 89%
		C= 75 - 79%

Competency Exams	= 20%	D= 60 - 74**
Graduation Notebook	<u>P/F</u>	F= below 59%**
Total	100%	

*\*A dental hygienist must exhibit professionalism through the application of a professional code of ethics. Unprofessional conduct will be reflected in the grade and may be grounds for dismissal. Refer to Clinic Manual for further information.*

*\*\* A final grade below a "C" (75%) in a clinical course will interrupt a student's progress through the Dental Hygiene Program and may result in dismissal from the Program. If you are having trouble with this course, it is your responsibility to contact the professor and arrange for tutoring or other assistance.*

**Integration with DHY 113:** DHYG 114 is the clinical application of the theory learned in DHYG 113. These courses have similar objectives and goals. They are graded separately. The evaluations are different but relate directly to each other.

#### **Instructor's Policies:**

Preparation: It is expected that the student prepare for class. Students should be prepared to participate in active learning discussions in each class on the topic assigned for that day.

Attendance Policy: Students are expected to attend all regularly scheduled classes. Occasionally, students may need to arrive about 15 minutes early to prepare for clinic. And, expect to stay about 15 minutes after clinic to complete sterilization or other tasks.

Make-Up Policy: If a major examination is missed, it is the student's responsibility to make arrangements with the instructor and schedule a Make-Up Examination. The Make-Up Exam may be different from the one given to the other students and may be oral, written, clinical or a combination of these. The Make-Up exam will receive a 10% deduction on the grade.

Lab/Clinic: Students are only allowed in lab or clinic with *direct* faculty supervision. Students participating in preclinical activities are to be in clinic attire.

Professional Policy: Students are expected to participate fully in all lab and clinical activities and to model professional behavior at all times. All students are considered mature enough to seek faculty assistance and to monitor their own progress in meeting course requirements. Please see the DH Clinic Manual and the SJC Student Manual for more details on Academic Integrity.

Academic Dishonesty: Unethical and unprofessional behavior will not be tolerated. Refer to the Dental Hygiene Clinic Manual and SJC Student Manual for more information.

Course Schedule/ Reading Assignments: Schedules are combined with those of DHYG 113 to help students plan for weekly activities. Please refer to that schedule.

**Course Outcomes Inventory:** The effectiveness of DHYG 114 is measured by several methods:

1. Completion of all course work with a satisfactory grade.
2. Course evaluations.
3. Analysis of clinical application of material presented.
4. Scores on National and Regional Boards are reviewed and evaluated.

**Accommodations Statement:** Students who need accommodations (i.e. note taker, interpreter, special seating, etc.) need to provide accommodation notices to the instructor. Students can contact the Students with Disabilities on Campus (SDOC) Coordinator in the Counseling Center, located in the Clock tower Building, to make arrangements and provide documentation in accordance with the Americans with Disabilities Act of 1990.

**Student Partners:** Students will be assigned partners for many clinical activities. Students will change partners regularly to ensure that all students experience a variety of clinical findings.